

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	Austria	REPORT	
SUBJECT	Technical Information on the SMV Oil Fields	DATE DISTR.	11 March 1954
DATE OF INFO.		NO. OF PAGES	3
PLACE ACQUIRED		REQUIREMENT	
		REFERENCES	

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. Oil-Water Ratios.

The oil-water ratio in the various SMV oil fields changes each day and is different for each well. Wells are brought into production and kept in production so long as the percentage of water does not rise above 96. The following are the average figures for the percentage of water at various SMV fields:

<u>Field</u>	<u>Percentage of Water</u>
SEB Matzen	13-14
SEB Bockfliess	22-25
SEB Aderklaa	11-12
SEB Neusiedl	DEA I, ITAG 40-50
	DEA II, Maustrenk 40
SEB Muehlberg	76-78
EPG	90

2. Oil-Gas Ratios.

The oil-gas ratio for each SMV oil field varies from 1:86 (one part oil to 86 parts gas) to as low as 1:800, a figure reached when gas pressure is not regulated. According to production regulations, the ideal oil-gas ratio is 1:70. When the gas pressure is higher than the ideal, valves are inserted to reduce the ratio. The maximum ratio allowed is 1:100.¹

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25 YEAR RE-REVIEW

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC	
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#")

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3. The Vienna Gas Works (Wiener Stadtwerke, Gaswerke, Vienna VIII) receives 9,000,000 cubic meters of gas per day from the SMV fields.²

4. Tubing and Casing Pressures.

The natural tubing pressure varies from well to well ~~and~~ from 14 to 100 atmospheres, but this is always regulated to the desired figure. The tubing and casing pressures after regulation vary from well to well, but an average figure can be given for the various SMV oil fields.³ These average figures, stated in atmospheres, are:

<u>Field</u>		<u>Tubing</u>	<u>Casing</u>
SEB Matzen and Bockfliess		55	70
SEB Muehlberg	Approx.	30	50
SEB Aderklaa	Approx.	60	80

5. Gas Production.

Both wet and dry gas are produced as by-products at the SMV oil fields. The gas is not always piped to the firms Erdgas or B.V. Methan, but often blown into the air. Not every eruptive oil well is equipped with a pipeline for the produced gas. The type of gas produced at the different SMV oil fields is as follows:

- a. SEB Bockfliess and SEB Matzen produce only natural dry gas. Bockfliess produces about 200,000 cubic meters of natural dry gas per day.
- b. SEBs Neusiedl, Muehlberg and Aderklaa produce wet gas.⁴ SEB Neusiedl's wet gas contains 40 grams of "Gasoline" per cubic meter of wet gas and the daily production of "Gasoline" is approximately five metric tons. SEB Muehlberg's wet gas has 18-20 grams of "Gasoline" per cubic meter. SEB Aderklaa produces a comparatively dry wet gas, one that has less "Gasoline" per cubic meter than the wet gas at Muehlberg. Aderklaa produces approximately 3.5 metric tons of "Gasoline" per day.

6. Geological Horizons.

Crude oil is produced in the SMV oil fields from the following horizons:⁵

<u>Field</u>	<u>Horizon</u>
SEB Bockfliess and Matzen	16th horizon of Torton
SEB Aderklaa	Helvet and Schlier
SEB Neusiedl	Flysch (paraffin oil)
SEB Muehlberg	Torton, Schlier (paraffin oil)
EPG and Roheol A.G.	Torton, Sarmat, Schlier
Van Sickle	Sarmat

Comment. The ratios apply only to eruptive oil-producing wells and not to gas wells or to wells that no longer produce eruptively.

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2. Comment. The total amount of gas produced within the oil fields is unknown. 25X1

3. Comment. Another pressure measurement is the Bodendruck (ground pressure). When last measured in the summer of 1952, this varied in the different SMV fields from 120 to 140 atmospheres, but this pressure is no longer being measured by the SMV. 25X1

4. Comment. Wet gas contains much "Gasoline". The term "Gasoline" is a German term which is not equivalent to the English term gasoline. The correct translation is not known. 25X1

5. Comment. The terms used for the horizons are standard in Europe for the geological levels which they designate. 25X1

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